

Converting Colors

YUV(111.7690, 6.5229,
-85.7434)

Have a look what the booklet for
YUV(111.7690, 6.5229, -85.7434)
contains.

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Color

**YUV(111.7690, 6.5229,
-85.7434)**

Conversions

Conversions Part 1

Format	Color
Hex	0E9F7D
RGB	14, 159, 125
RGB Percent	5%, 62%, 49%
CMY	0.9451, 0.3765, 0.5098
CMYK	0.91, 0.00, 0.21, 0.38
HSL	166°, 84%, 34%
HSV	166°, 91%, 62%
XYZ	16.2809, 26.3703, 23.6339
YIQ	111.7690, -75.5060, -41.3140

Conversions

Conversions Part 2

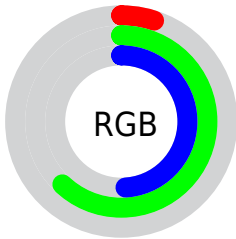
Format	Color
R_{YB}	14, 96, 159
Decimal	958333
CIE _{Lab}	58.39, -42.95, 8.06
CIE _{LCh}	58, 43.699, 169.374
Yxy	26.3703, 0.2456, 0.3978
Android (android.graphics.Color)	4279148413 (0xFF0E9F7D)
YUV	111.7690, 6.5229, -85.7434
Hunter-Lab	51.3520, -33.2735, 8.6592

Details

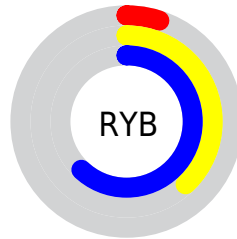
The YUV color **111.7690, 6.5229, -85.7434** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **61.2310, -6.5229, 85.7434**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.0050, 1.9695, -71.9184**, and **70.8860, 2.5212, -62.1670** is the 20% darker color. If you saturate the color by 10%, you get **107.2410, 7.2762, -94.0504**, and if you desaturate by 10%, it is **117.0090, 5.9116, -76.3069**.

Distribution



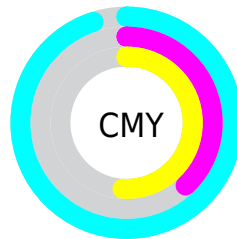
- Red (5%)
- Green (62%)
- Blue (49%)



- Red (5%)
- Yellow (38%)
- Blue (62%)



- Cyan (91%)
- Magenta (0%)
- Yellow (21%)
- Black (38%)



- Cyan (95%)
- Magenta (38%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.7690, 6.5229, -85.7434 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 111.7690, 6.5229, -85.7434 by changing the saturation by 10% instead.

■ 111.7690, 6.5229,
-85.7434

■ 111.7690, 6.5229,
-85.7434

■ 255.0000, 0.0000,
0.0000

■ 88.8840, 5.4802,
-77.9513

■ 174.0050, 1.9695,
-71.9184

■ 70.8860, 2.5212,
-62.1670

■ 202.4890, 1.2379,
-70.5889

■ 53.5890, -0.2904,
-46.9976

■ 221.6950, 5.5734,
-61.1225

■ 37.1070, -2.5178,
-32.5428

■ 232.8740, 10.9081,
-45.4935

■ 22.1580, -6.4869,
-19.4326

■ 241.8440, 6.4859,
-27.0502

■ 0.0000, 0.0000,
0.0000

■ 250.8140, 2.0637,

-8.6069

■ 111.7690, 6.5229,
-85.7434

■ 111.7690, 6.5229,
-85.7434

■ 107.2410, 7.2762,
-94.0504

■ 117.0090, 5.9116,
-76.3069

■ 122.1350, 4.8634,
-66.7704

■ 127.3750, 4.2521,
-57.3339

■ 132.6150, 3.6408,
-47.8974

■ 137.8550, 3.0295,
-38.4608

■ 142.6820, 2.1288,
-29.5391

■ 147.9220, 1.5175,
-20.1026

■ 153.1620, 0.9061,
-10.6661

■ 158.4020, 0.2948,
-1.2296

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



128.6500, -19.5474, -30.3880



111.7690, 6.5229, -85.7434



112.7300, 25.7691, -98.8642

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



111.7690, 6.5229, -85.7434



140.2930, 35.8446, -16.9200



139.5280, -27.3753, 53.9109

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



111.7690, 6.5229, -85.7434



61.2310, -6.5229, 85.7434

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



141.0080, -11.8359, 63.1370



111.7690, 6.5229, -85.7434



144.8270, 22.7633, 25.5847

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



111.7690, 6.5229, -85.7434



117.0670, 48.2810, -86.0048



143.3500, 6.2365, 53.1901



138.2790, -36.6195, 32.2043

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



111.7690, 6.5229, -85.7434



114.1780, 36.3942, -100.1341



143.3500, 6.2365, 53.1901



140.1140, -22.7342, 58.6590

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



111.7690, 6.5229, -85.7434



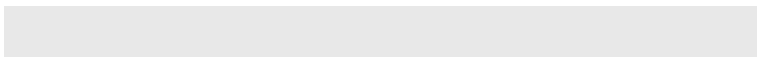
188.6600, 2.1396, -33.0278



109.8790, -47.2683, -52.5139



93.9220, 1.5175, -20.1026



232.0000, 0.0000, 0.0000



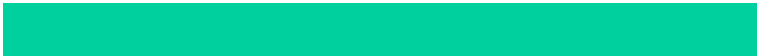
105.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



111.7690, 6.5229, -85.7434



139.5210, 9.1101, -122.3599



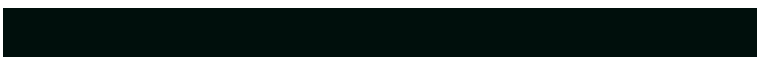
94.5130, 31.7921, -70.6099



76.3800, 0.3057, -4.7183



96.3670, 6.2281, -84.5139



10.1730, 0.9007, -8.9217

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



61.2310, -6.5229, 85.7434



67.3650, -9.5469, 122.4599



78.4870, -31.7921, 70.6099



73.6200, -0.3057, 4.7183



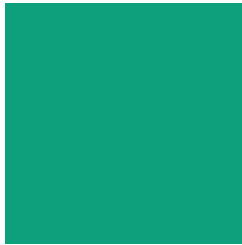
46.5190, -6.6649, 84.6138



4.9410, -0.4639, 8.8217

Previews

White Background



This preview shows how the YUV color 111.7690, 6.5229, -85.7434 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 111.7690, 6.5229, -85.7434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

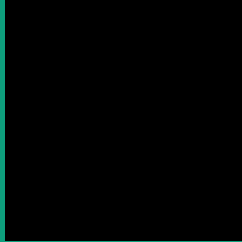
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 111.7690, 6.5229, -85.7434 Background



This preview shows how black text looks on a background with the YUV color 111.7690, 6.5229, -85.7434.

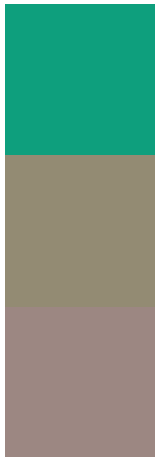


This preview shows how white text looks on a background with the YUV color 111.7690, 6.5229,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

111.7690, 6.5229, -85.7434

Protanopia

138.6560, -11.6624, 7.3177

Deuteranopia

140.7090, -5.2795, 13.4102



Tritanopia

123.6850, 20.8613, -64.6217

Trichromacy



Original Color

111.7690, 6.5229, -85.7434

Protanomaly

128.8690, -4.8654, -26.1951

Deuteranomaly

130.2160, -1.0925, -22.9914

Tritanomaly

119.2620, 15.6468, -72.1438

Monochromacy



Original Color

111.7690, 6.5229, -85.7434

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.7850, 2.5710, -31.3834

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.7690, 6.5229, -85.7434 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(14, 159, 125)` looks like.

```
.text, #text, p{  
    color:rgb(14, 159, 125)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(14, 159, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 159, 125) }
```

Border

The CSS property to change the border of an element to YUV 111.7690, 6.5229, -85.7434 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(14, 159, 125) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(14, 159, 125) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(14, 159, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 159, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 159, 125);  
box-shadow:4px 4px 4px 4px rgb(14, 159,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 111.7690, 6.5229, -85.7434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 159, 125) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(14, 159,  
125) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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